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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS:

Levy, et al.

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For:

METHODS OF USING SUBSTITUTED TETRACYCLINE COMPOUNDS TO

MODULATE RNA

Mail Stop RCE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

SUBMISSION

This paper is submitted in response to the Notice of Appeal filed on September 4, 2008 and in further response to the March 4, 2008 Final Office Action (the "Final Office Action") in the above-identified patent application. Also submitted herewith is a Petition for a Four-Month Extension of Time and the requisite fee. With the Petition, a Response is due on or before March 4, 2009.

Applicants submit this paper in conjunction with a Request for Continued Examination under 37 C.F.R. §1.114 and the fee required under 37 C.F.R. §1.17(e). This paper constitutes a proper submission under 37 C.F.R. §1.114(c). Applicants believe no additional fees are due, however, the Commissioner is hereby authorized to charge any such additional fee(s), or to credit any overpayment, to Deposit Account No. 50-0311, Reference No. 16534-539001US, Customer Number: 30623.

Amendments to the Claims begin on page 2.

Remarks/Arguments begin on page 108.